

#4181  
OK

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

February 6, 2013

TO: Internal File

THRU: Steve Christensen, Permit Supervisor *SC*

FROM: April A. Abate, Environmental Scientist III *AAA*  
*2/7/2013*

RE: 2012 3rd Quarter Water Monitoring, Savage Services Corporation, Savage Coal Terminal, C/007/0022, Task #4181

The Savage Coal Terminal is an operating coal loadout where coal is crushed, screened, blended, and then loaded onto rail transport. Pertinent water monitoring requirement information is in the MRP in Section 731.200.

1. Was data submitted for all of the MRP required sites? YES ☒ NO ☐

## Springs

*The Permittee is not required to monitor any springs at the Savage Coal Terminal. There are no springs to monitor at the Savage coal terminal site.*

## Streams

*Surface water site CV-14-W is required to be monitored during the 2<sup>nd</sup> and 4<sup>th</sup> quarters of each year.*

CV-14-W was not monitored this quarter.

## Wells

*There are four groundwater monitoring wells at the site: S-1-GW, S-2-GW, S-3-GW and CV-1-W. Wells S-1-GW, S-2-GW and CV-1-W will be monitored bi-annually during the 2<sup>nd</sup> and 4<sup>th</sup> quarters of each year. Monitoring well S-3-GW was installed during summer 2012. S-3-GW will be monitored quarterly for a period of two years, then bi-annual thereafter.*

Monitoring well S-3-GW was monitored during the 3rd quarter on August 14, 2012. Wells CV-1-W, S-1-GW, and S-2-GW were not monitored this quarter.

## **UPDES**

There is one active UPDES outfall at the Savage Coal Terminal, CV-15-W, or UTG040005-001. The Permittee is required to monitor this UPDES site monthly under Permit # UTG040005 that is due to expire on April 13, 2013.

The location was monitored monthly during the 3rd quarter 2012. The Permittee recorded no flow at the UPDES point during the period.

2. **Were all required parameters reported for each site?** YES [X] NO [ ]
3. **Were any irregularities found in the data?** YES [X] NO [ ]

Well S-3-GW reported 0.067 gallons of water in the well. There was not enough groundwater to sample or bail.

4. **On what date does the MRP require a five-year re-sampling of baseline water data.**

The next scheduled baseline sampling is 4<sup>th</sup> quarter of 2013.

5. **Based on your review, what further actions, if any, do you recommend?**

Continue to monitor groundwater levels in S-3-GW to determine if there is a seasonal response in the water table.